

Fig. 3

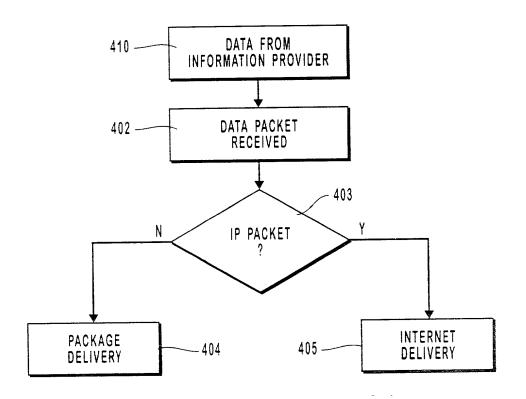
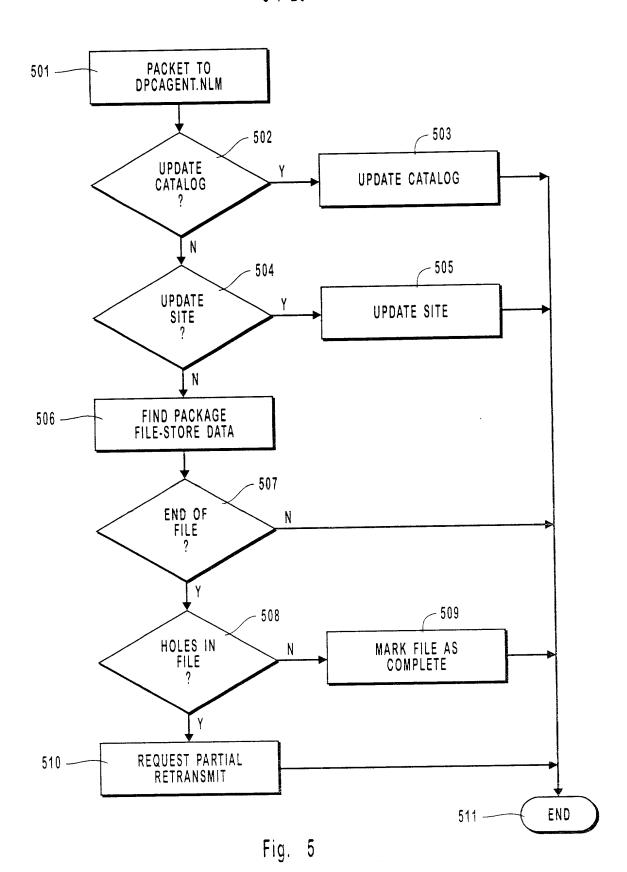
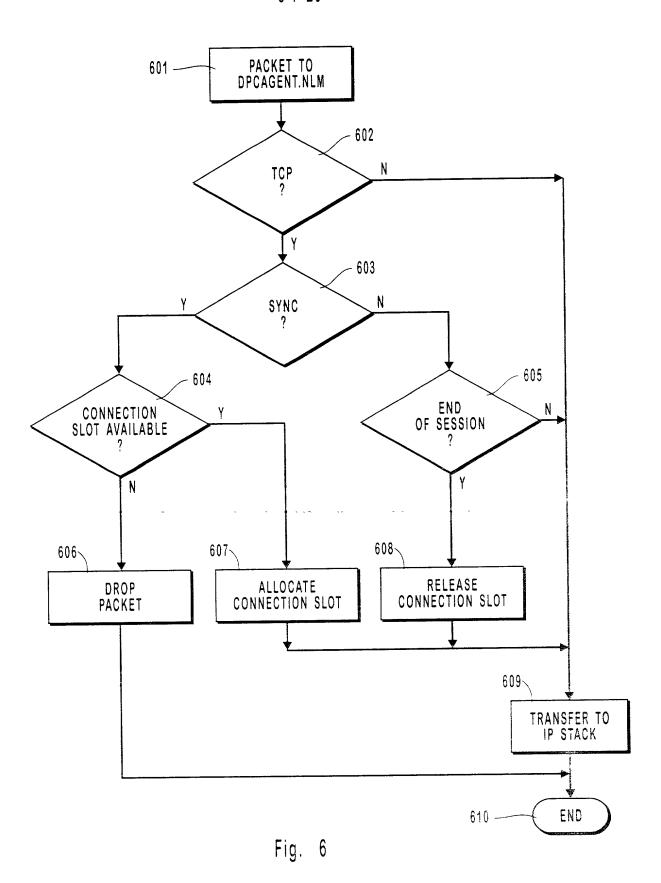


Fig. 4





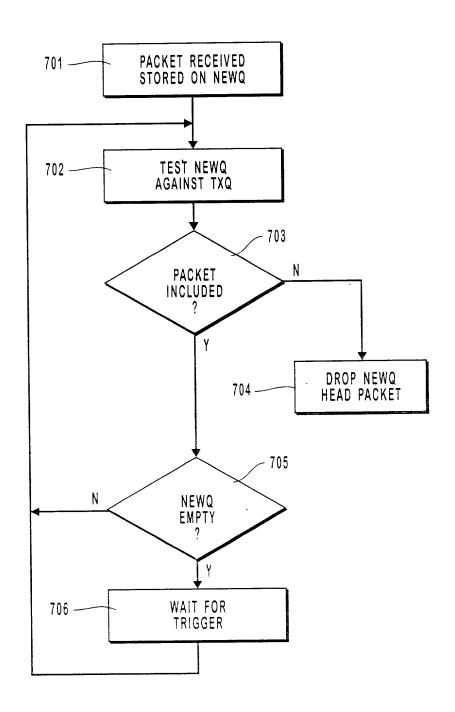


Fig. 7

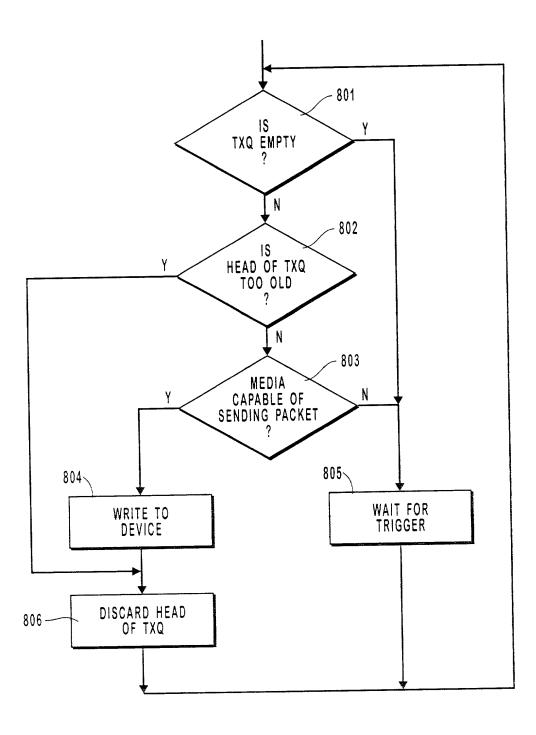
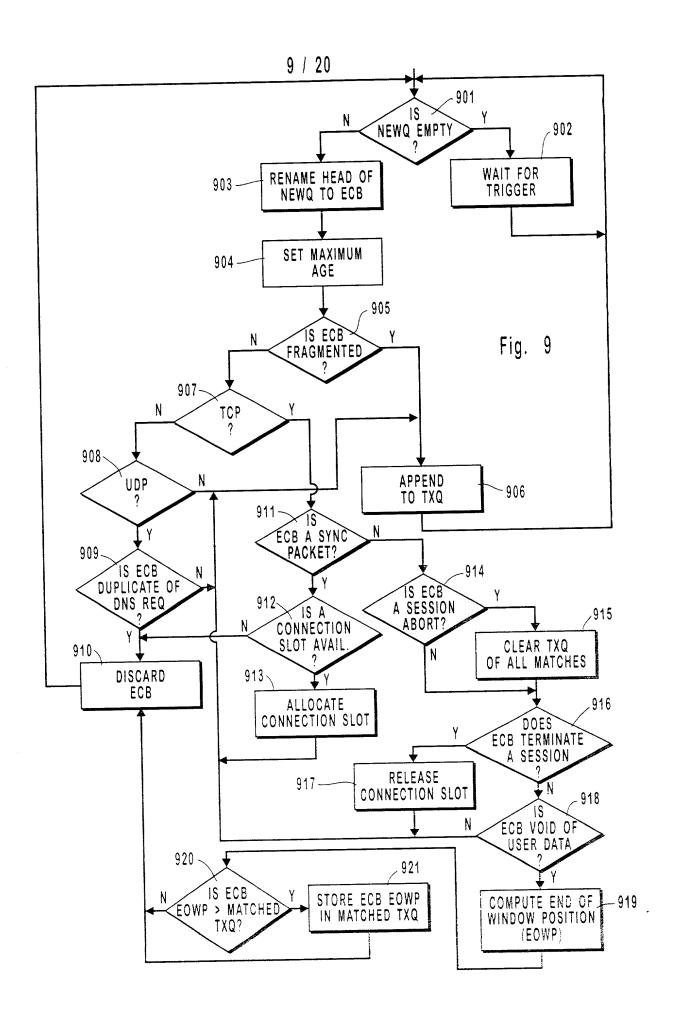


Fig. 8



DPC AGENT PROGRAM 1.50		.38	
	DPCAGENT Options		
	Package Delivery Display MLID Stats DPC Configuration Dish Pointing Adapter Information Modem Control Exit DPCAGENT		
Modem Status: IDLE			Tx Rx Cd
Package Status: IDLE Select an Option <ent< td=""><td>er> Users</td><td>50</td><td>Keys 🗔 Signal 🗀</td></ent<>	er> Users	50	Keys 🗔 Signal 🗀

Fig. 10a-1

	DPC AGE	NT PROGRA				Dalin						
			Dig	ital Pac	Kage	nelia	ery					7
		DIRECPC	AVI	Marilyn	Avi	4.0	B : 1		£	Win	2 1	
		DIRECPC	Win3x	Sports	Ticke	r 16	BIT	App	TOF	MIII	3.1	
		HELIUS	HELIUSDV HELIUSDV	Melius	Cocti	v Fil	ρ					
		HELIUS	HELIUSDV	Helius	Test	HIGH	prio	rity				i
		HELIUS	HEFTOOD	1102200			F	. ,				
ŀ												
l												
H	Status	<tab></tab>	Sorting	<enter></enter>	Detai	ls .	<ins></ins>	Down.			🔁 Cancel	
		Status:							Tx [Rx	Cq	,
l	Package	Status:	IDLE			**		50	Vaua	_ (Cianal E	7
	Select	an Optio	n <enter></enter>	·		U	sers	50	keys	L	Signal 🔚	_

Fig. 10a-2

DPC AGENT PROGRAM 1	DPCAGENT Options Package Delivery Display MLID Stats DPC Configuration Dish Pointing Adapter Information	
	Modem Control Exit DPCAGENT	
Modem Status: IDLE Package Status: man Select an Option <	rilyn avi s ser 52% Enter> Users 50	Tx

Fig. 10b-1

DP(C AGE	NT PRÓGR	AM 1.50 Dia:	ital Pac	kage	Deliv	/ery					
CC	ONFIRM	HELIUS	Win3x HELIUSDV HELIUSDV HELIUSDV AVI	Sports Helius Helius	Ticke 38MB Costl Test	r 16 File y Fi	Bit le		for	Win	3.1	
Mo Pa	ckage	tatus: Status:	Sorting IDLE IDLE n <enter></enter>	<enter></enter>	Detai	•		-	Tx [Rx	Can Co Signa:	d [

Fig. 10b-2

	DPC AGE	NT PROGR	AM 1.50	4.44				du R				
L			Dig	ital Pa	ckage	Deliv	ery					
		DIRECPC	Win3x	Sports			Bit	App	for	Win	3.1	
		HELIUS	HELIUSDV	Helius	38MB							
l		HELIUS	HELIUSDV	Helius								
	NEEDED	HELIUS DIRECPC	HELIUSDV AVI	Helius Marilyn		niun	pri	ority				
	MEEDED	DINEGLO	WAT	maillyii	WAT							
Π	Status	<tab></tab>	Sorting	<enter></enter>	Detai	ls <	Ins>	Downl	oad	<del< th=""><th>> Can</th><th>cel</th></del<>	> Can	cel
	Modem S		Dialing					•	Tx 🗌	Rх	Cd	
		Status:	IDLE									_
L	Serect	an Optio	n <enter></enter>									

Fig. 10c-1

		Dig	ital Pad	kage D	eliv	ery			***********		- come
NEEDED	HELIUS	Win3x HELIUSDV HELIUSDV HELIUSDV AVI	Helius	38MB F Costly Test H	ile Fil	е		for	Win	3.1	
Package	tatus: Status:	Sorting Disconnect: marilyn.a n <enter></enter>	ing from Avi	Packag	ge D	eliv 20%	ery	Tx [Rx 88512	Cand Cd /33743 ignal	352

Fig. 10c-2

DPC AGENT PROGRAM 1.50		A STANDARD CONTRACTOR
DPC_1_EII [DPc port=140 int=B	frame=ETHERNET	_II]
Version 1.20 Node Address: 80AE000001 Protocols: ARP IP		
Generic statistics Total packets sent: Total packets received: No ECB available count: Send packet too big count:		1 0 0 0
Reserved: Receive packet overflow count: Receive packet too big count: Receive packet too small count:		ot Supported O O O O O O O O O
Send packet miscellaneous errors: Receive packet miscellaneous errors:		0 🗸
Modem Status: IDLE Package Status: IDLE Select an Option <enter></enter>	Tx Users 50 Ke	Rx Cd Cd ys Signal C

Fig. 10d-1

DPC AGENT PROGRAM 1.50	
<pre>DPC_1_EII [DPc port=140 int=B frame=ETHERNET_</pre>	II)
Send abort from excessive deferral	0 🛆
Receive abort from bad frame alignment	0
Custom statistics	
Signal Quality	235
Rx Frequency	13,300
Largest Received IP Frame	0
Number of Receive IP Frames over 400	0
Ave size of Receive IP frames over 400	0
Mips Rx enable commands	0
Mips Rx disable commands	0
Mips frames accepted	6,962
Mips frames rejected from no filter match	1,489,475
Mips frames rejected from zero address	0 ∐
Mips frames rejected from adapter disabled	0
Mips frames rejected from low buffer pool	3.611,966 🔽
	Rx Cd C
Package Status: IDLE	
Select an Option <enter> Users 50 Keys</enter>	🗌 Signal 🗀

Fig. 10d-2

DPC AGENT PROGRAM	DPC Conf Modem Configur Package Delive Provider Confi	iguration ation ry Configurat guration	ion		
Modem Status: ID Package Status: I Select an Option	IDLE	lleane	50	Tx Rx Co Keys Signal	

Fig. 10e-1

Bankat 122a(ana)	to an analysis of the second s	
Hangup Str Disconnect str Escape Str Connect str	= 120 = 60 = 8192 = ATDT = ATHO = NO CARRIER = +++ = CONNECT = AT&F1	

Fig. 10e-2

PC AGENT PROGRAM 1.50		
Package De	elivery Configuration Editor	
	= 1-800-825-3954	
	= 9600	
	= 10	1
Max Database Entries	= 1024	
Nodem Status: IDLE Package Status: IDLE	Tx 🔲 Rx 🗀 Cd	_
Select an Option <enter></enter>	Users 50 Keys 🗌 Signal	_

Fig. 10f-1

Outbound Protocol = Modem - PPP Internet Phone	7	Outbound Protocol = Modem - PPP
Internet Baud = 57600 Internet MTU = 1500 Internet Inactivity(sec) = 180 IP Adddress(ISP) = 153.35.210.185 Hybrid gateway Address = 206.71.99.5 Auto Login Enabled = No Modify Auto login Script	7	
	Internet Baud Internet MTU Internet Inactivity(sec) IP Adddress(ISP) Hybrid gateway Address	= 57600 = 1500 = 180 = 153.35.210.185 = 206.71.99.5 = No

Fig. 10f-2

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DPC AGENT PROGRAM 1.50					i Populari	19 19 40年 经收益额	
	Login	Script	Editor				
Wait1:		∃ Wait	Timeout	1=	10		
Send1:							
Wait2:		Wait	Timeout	2=	5		
Send2:					_		
Wait3:		Wait	Timeout	3=	5		
Send3:					_		
Wait4:		Wait	Timeout	4=	5		
Send4:				_	_		
Wait5:		Wait	Timeout	5=	5		
Send5:				_	_		
Wait6:		Wait	Timeout	6=	5		
Send6:			.	_	_		
Wait7:		Wait	Timeout	7=	5		
Send7:					_		
Wait8:		Wait	Timeout	8=	5		
Send8:		W . ! L	* :	۸	-		
Wait9:		Walt	Timeout	9=	b		
Send9:							
Modem Status: IDLE						Tx 🗌 Rx 🔲 Cd 🖸	
Package Status: IDLE							
Select an Option <ent< td=""><td>er></td><td></td><td>Use</td><td>rs</td><td>50</td><td>Keys 🗌 Signal 🛚</td><td></td></ent<>	er>		Use	rs	50	Keys 🗌 Signal 🛚	

Fig. 10g-1

DPC AGENT PROGRAM 1.50
Provider Configuration Editor
Outbound Protocol = Modem - PPP
PPP Configuration Editor
Authentication User Name: Authentication Password :
Maximum Receive Unit : 1400 Asynch. Control Char Map: 0x0
Modify Auto Login Script Modify PPP Configuration
Modem Status: IDLE Tx Rx Cd Package Status: IDLE Users 50 Keys Signal

Fig. 10g-2

DPC AGENT PROGRAM 1.50 Provider	Configuration Editor
Internet Phone Internet Baud Internet MTU Internet Inactivity(sec) IP Adddress(ISP) Hybrid gateway Address Auto Login Enabled	Outbound Protocol = Modem - PPP Outbound Protocol Modem - SLIP Modem - PPP
Modem Status: IDLE Package Status: IDLE Select an Option <enter></enter>	Tx Rx Cd Users 50 Keys Signal

Fig. 10h-1

	Configuration Editor d Protocol = LAN/WAN
	oute Configuration Editor
Interface: Router Mac Address:	00-00-0c-4a-55-f4
Auto Login Enabled	= No Modify Auto Login Script Modify Network Configuration
odem Status: IDLE ackage Status: IDLE elect an Option <enter></enter>	Tx ☐ Rx ☐ Cd Users 50 Keys ☐ Signal

Fig. 10h-2

DPC AGENT PROGRAM 1	Dish Pointi Antenna Pointing County Signal Strength Me	ng alculations	
Modem Status: IDLE Package Status: ID Select an Option	LE	Users 50	Tx Rx Cd Cd Keys Signal

Fig. 10i-1

Antenna	Pointing Calculations
Country = USA City = Orem	Region = Utah Service = Hughes Satellite = Galaxy 4
Satellite Longitude = Satellite Polarization =	99 Hemisphere = West Horz Frequency = 1330
Ground Longitude degrees Ground Latitude degrees	= 111 minutes = 42 Hemisphere=West = 40 minutes = 19 Hemisphere=North COMPUTE NOW
Elevation = 41.60 True Azimuth 160.800 Magnetic Azimuth 147.300 Polarization -14.500	003 003
dem Status: IDLE	Tx Rx Cd
ackage Status: IDLE elect an Option <enter></enter>	Users 50 Keys — Signal

Fig. 10i-2

	Satell	lite Di	sh Signal	. Strength !		00%
0%		winds of the			1]
Frequ	ency =	1330				
Average Signal Qua	SQF = lity =	130 130 (87%)	(Signal	Locked)	

Fig. 10j-1

)PC	Adapter	Information	
Site ID	= = = 00	011466 DP000104 TRUE 6 000102 01DE00	00013000	00019100
odem Status: IDLE				Tx Rx Cd
odem Status: IDLE ackage Status: IDLE			Users 50	Keys Signal

Fig. 10j-2

Modem Control Options Disconnect the Modem Dial the Internet Dial the Package Delivery Send to the Modem		
Modem Status: IDLE Package Status: IDLE Select an Option <enter></enter>	Users 50	Tx Rx Cd Cd Keys Signal

Fig. 10k